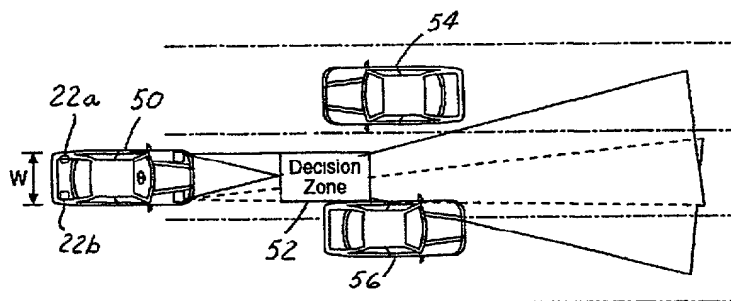


**FIG. 1**



**FIG. 2**

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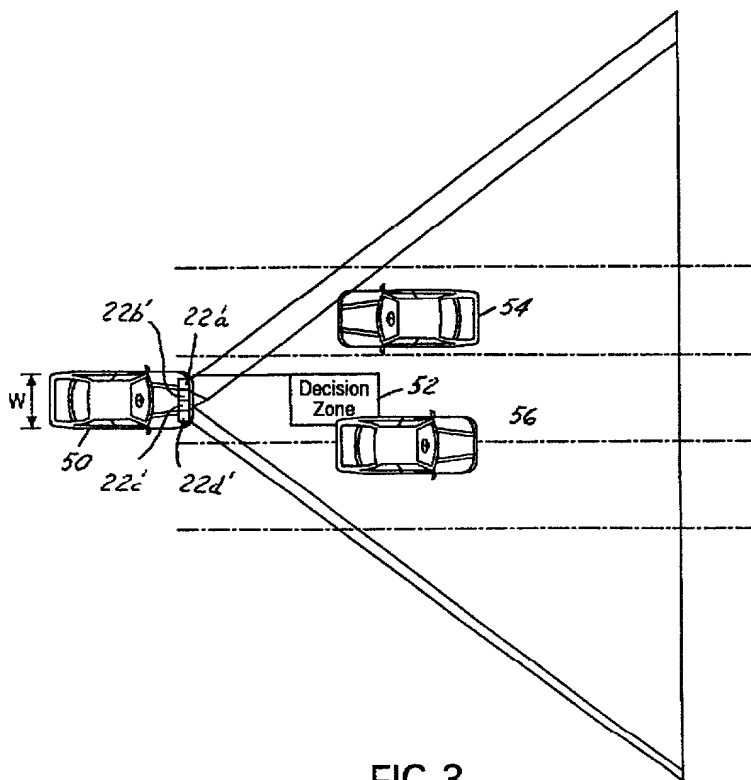


FIG.3

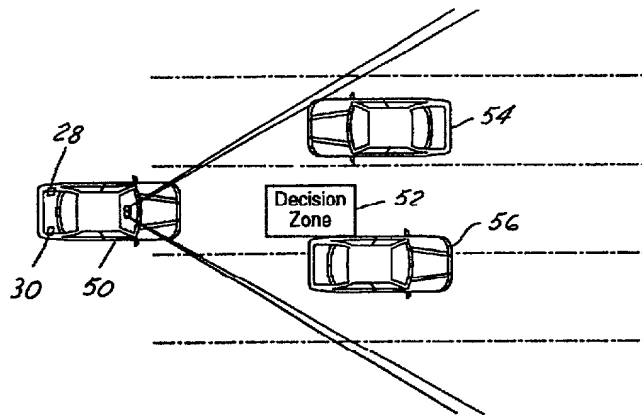
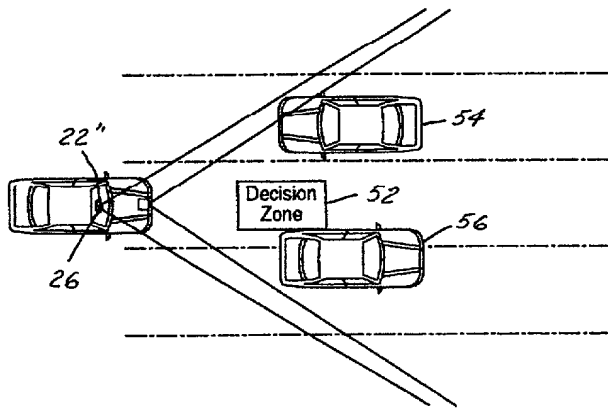


FIG. 4



**FIG. 5**

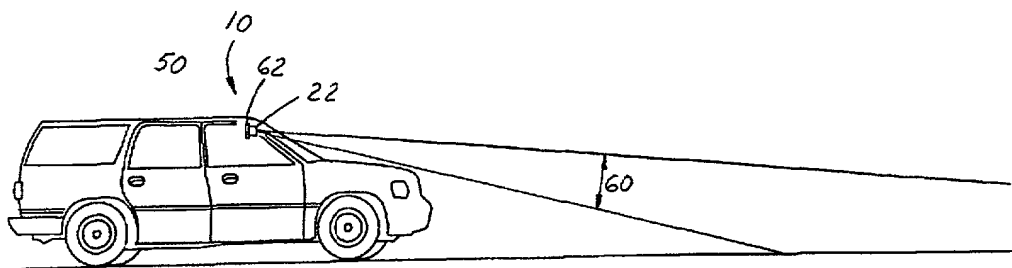


FIG. 6

FIG. 6 is a side view of the vehicle 10 showing the sensor 22 mounted on the roof 50. The sensor 22 is positioned near the front door of the vehicle 10. The sensor 22 emits a beam 60 forward. The beam 60 is defined by two lines diverging from the sensor 22, with an angle 60 indicated between them.

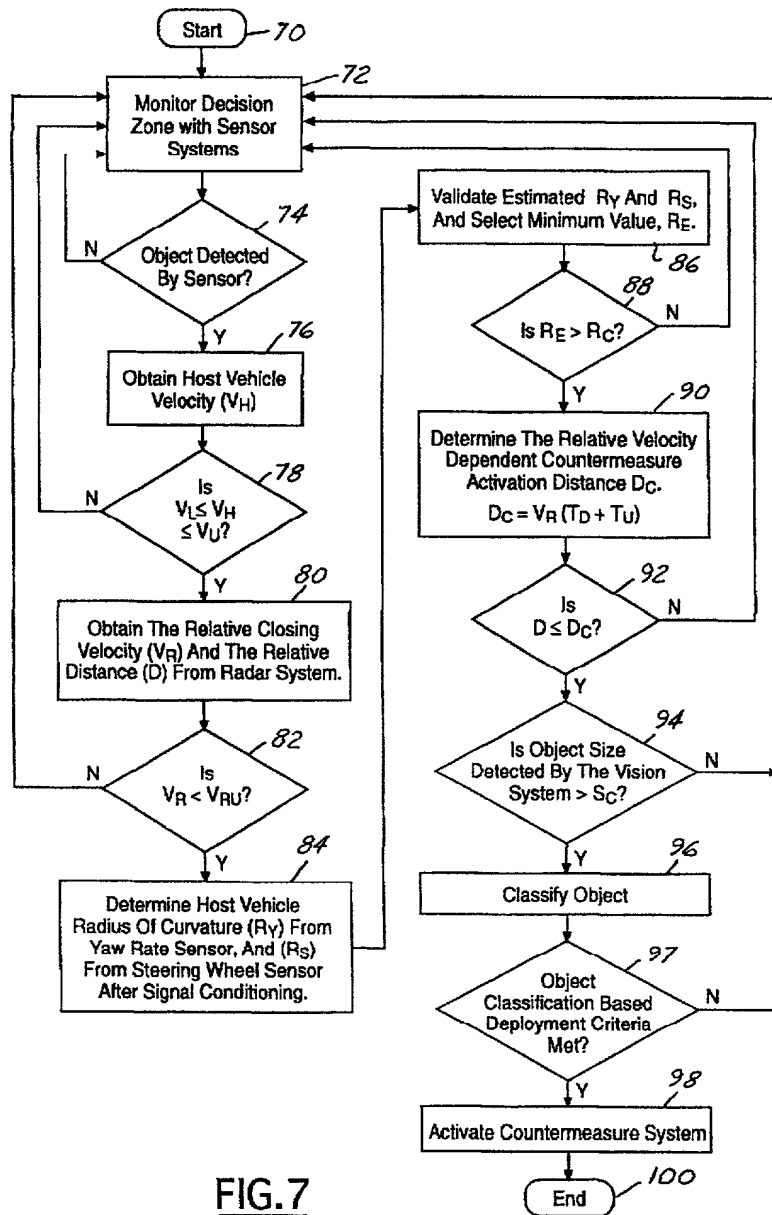


FIG. 7